

Abstract

A molding composition is described and comprises a mixture of interpenetrating polymers. A first phase comprises a crosslinked isobutene polymer, and a second
5 phase encompasses a reinforcing polymer comprising (meth)acrylic and/or vinylaromatic units. The first phase is the reaction product of an isobutene polymer having an average of at least 1.4 functional groups in the molecule and of a crosslinking agent having an average of at least two functional groups in the molecule,
10 the functionality of these being complementary to that of the functional groups of the isobutene polymer. The molding composition is particularly suitable for the roofing of buildings, or as impact-modified polystyrene or polymethyl methacrylate.